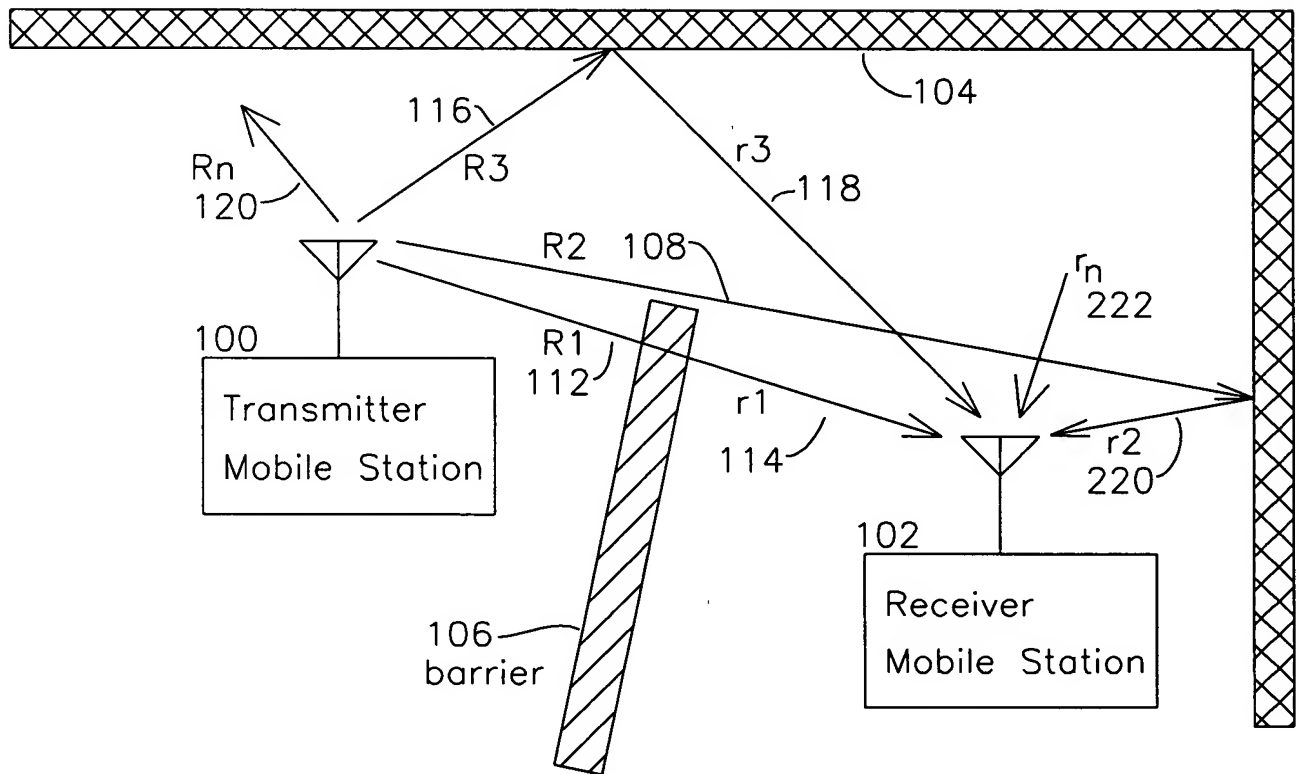


Figure 1

Prior Art



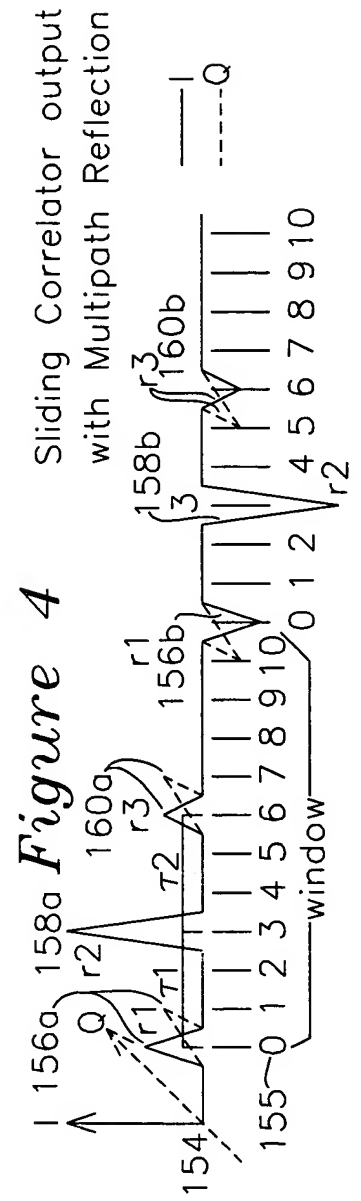
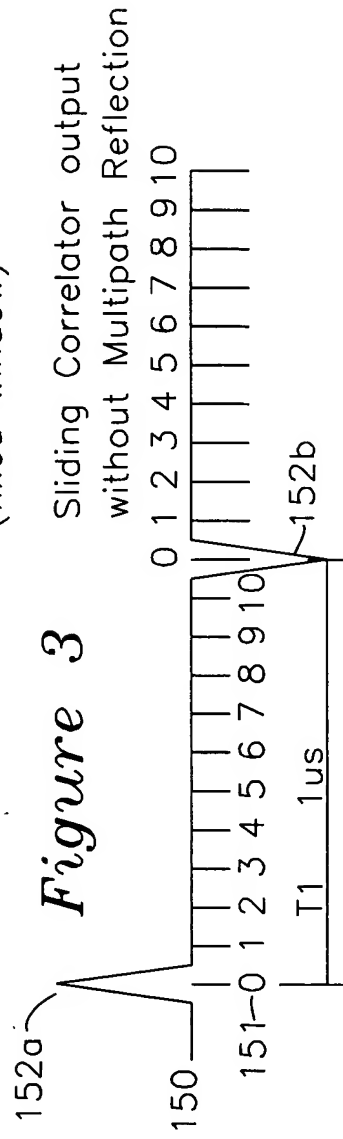
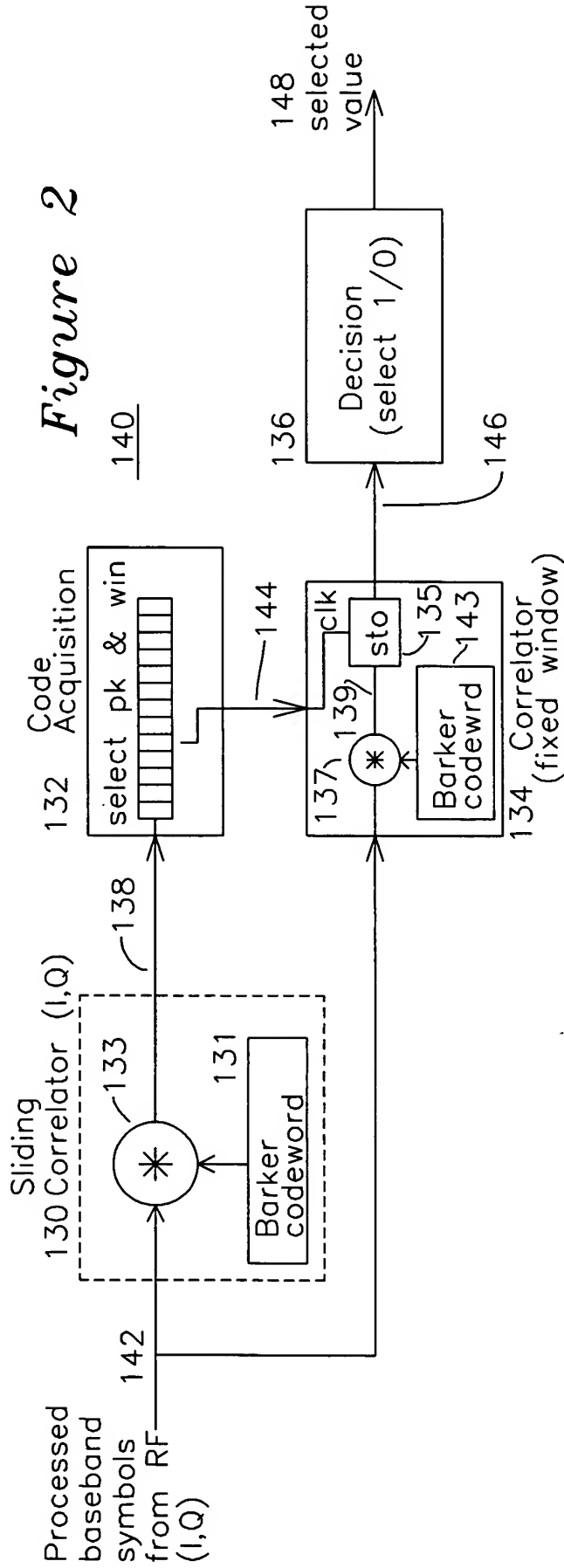


Figure 5

190

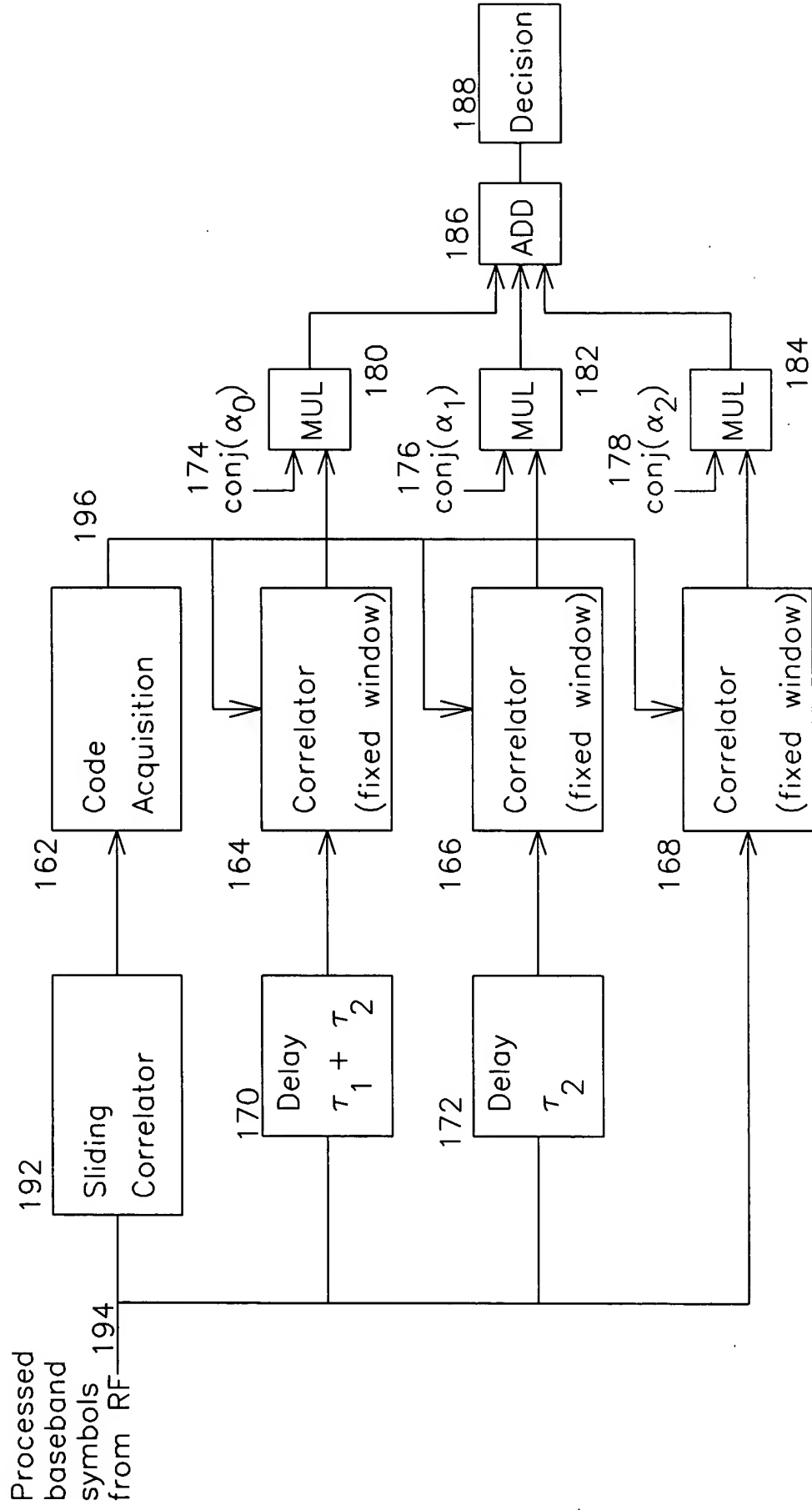


Figure 6

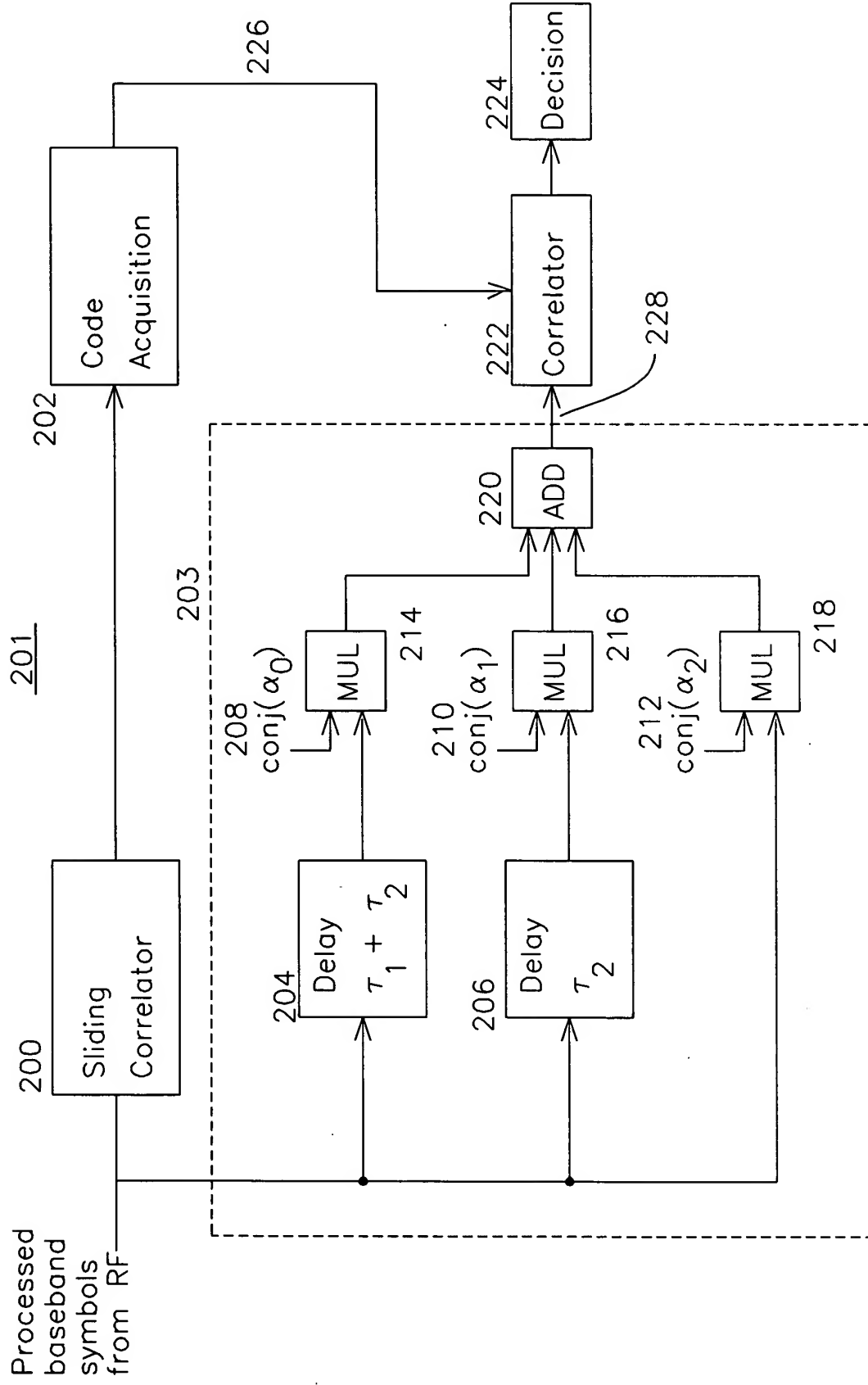


Figure 7

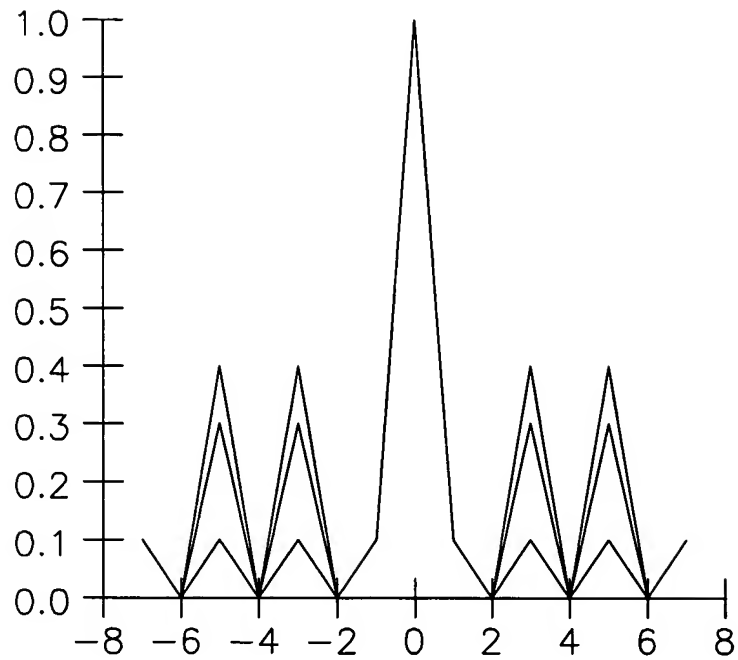


Figure 8

Signal with no noise

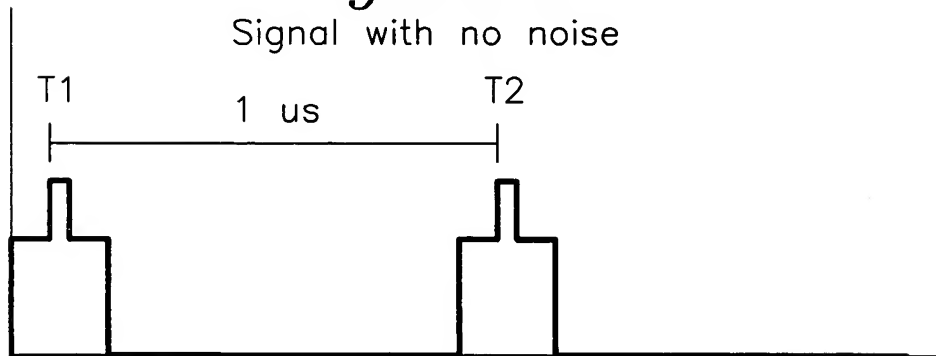


Figure 9

Noise with no signal

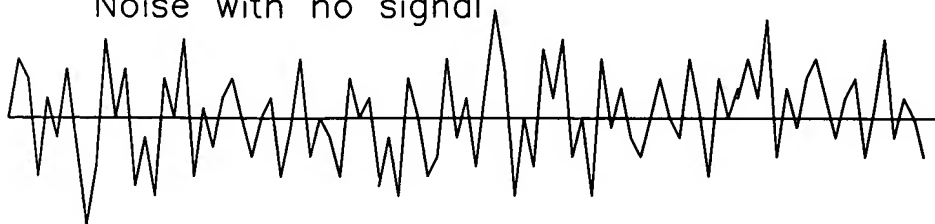


Figure 10

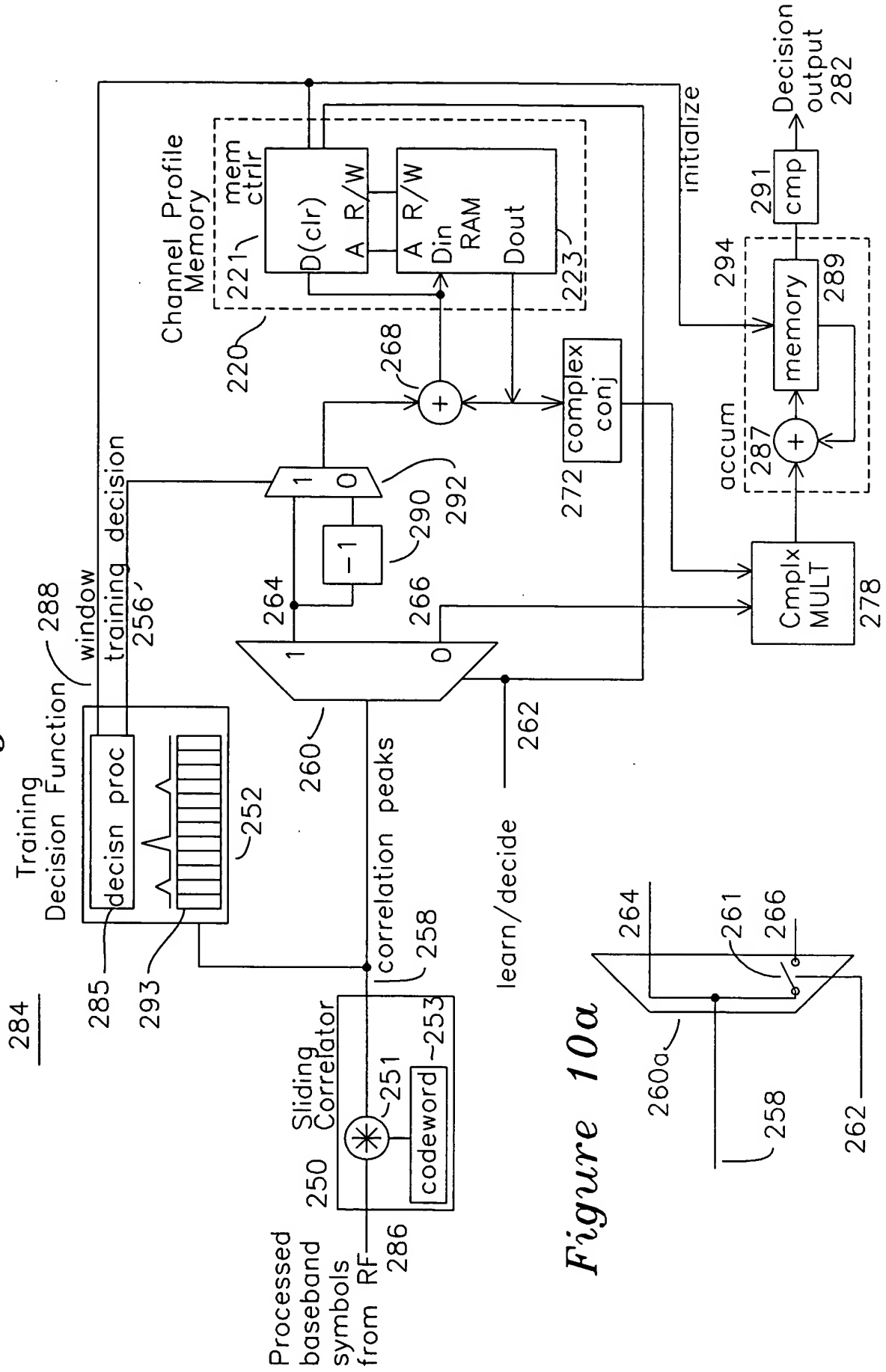


Figure 11a

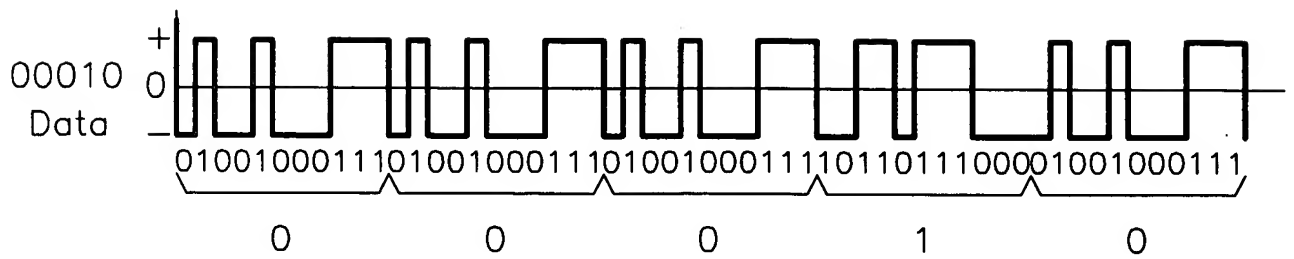


Figure 11b

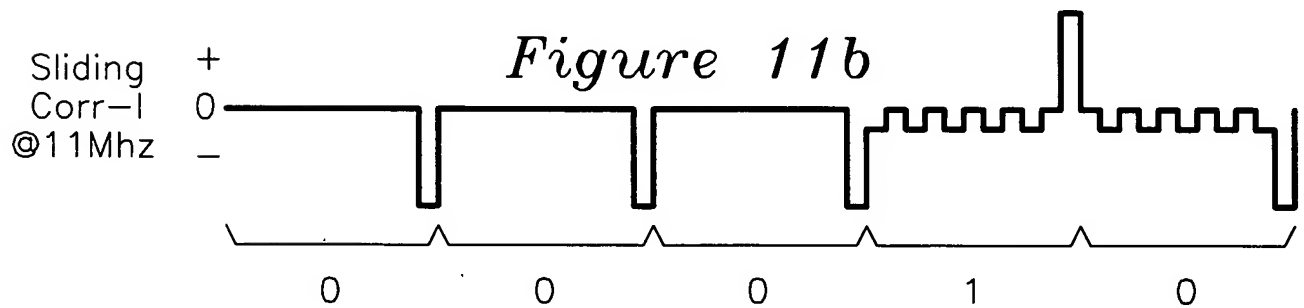


Figure 11c

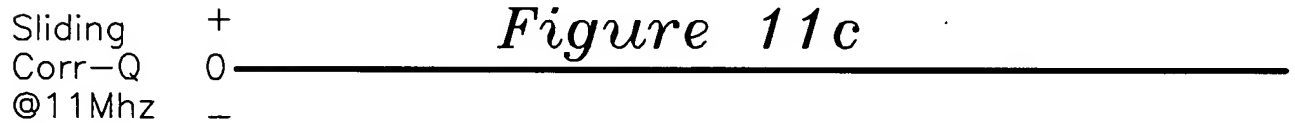


Figure 11d

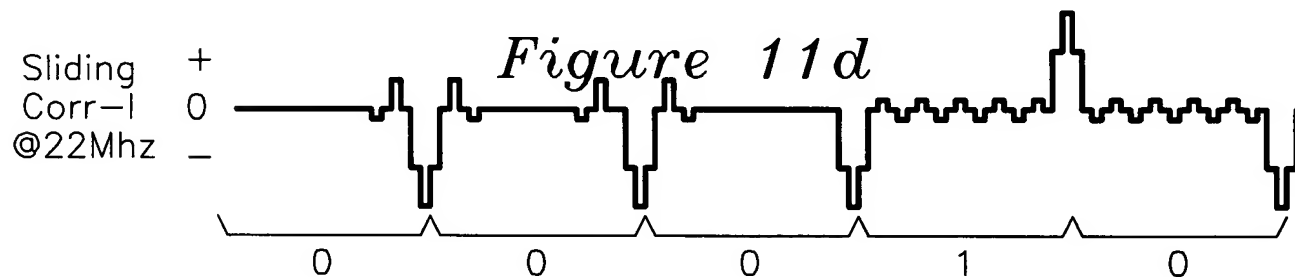


Figure 11e

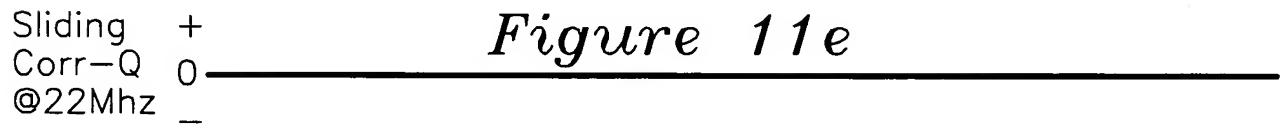


Figure 11f

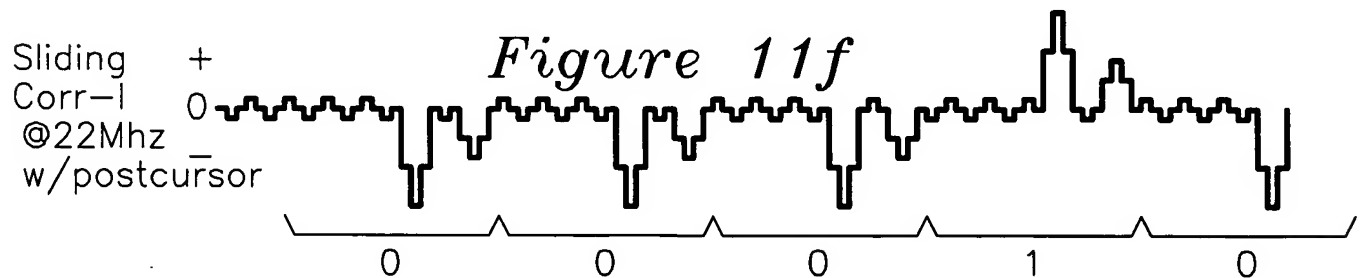
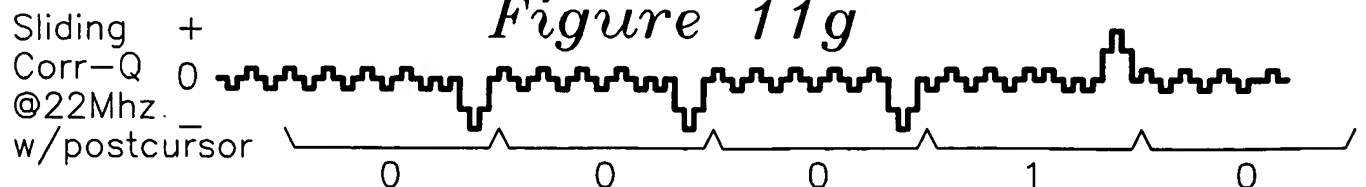


Figure 11g



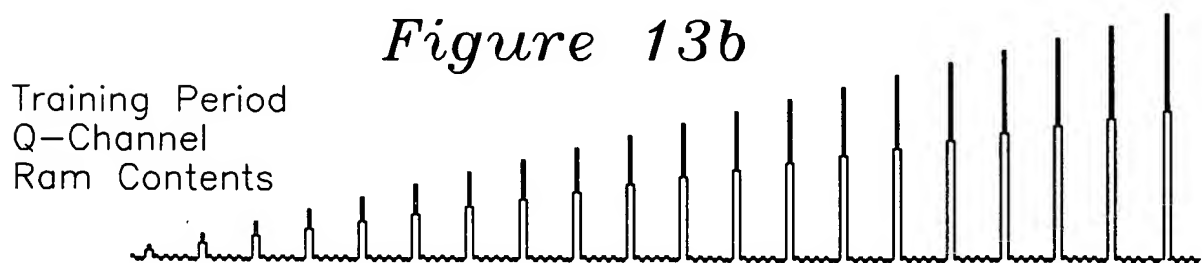
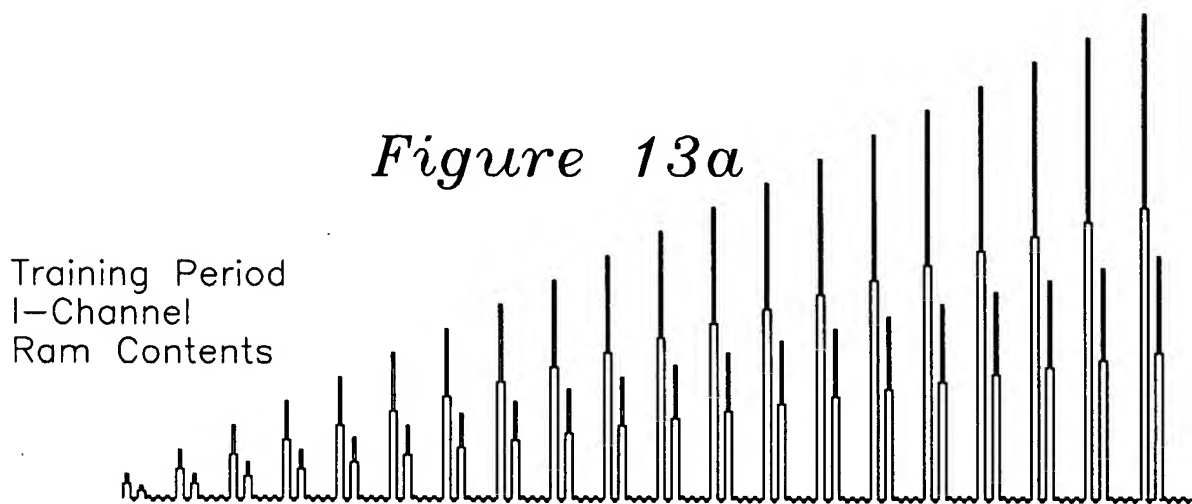
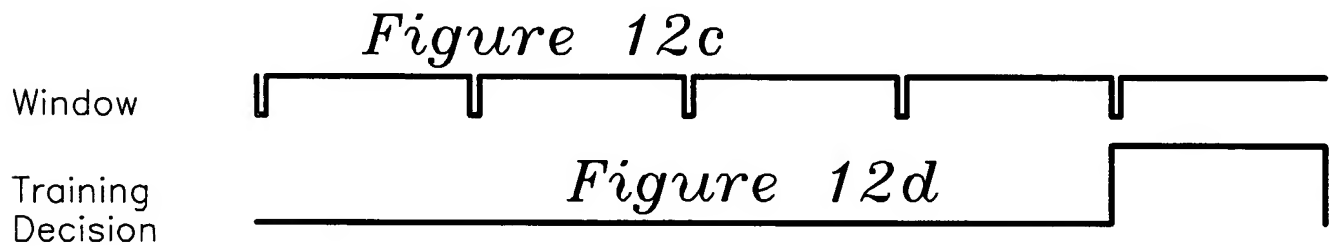
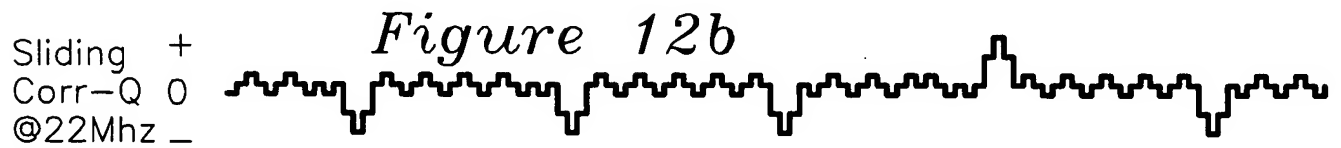
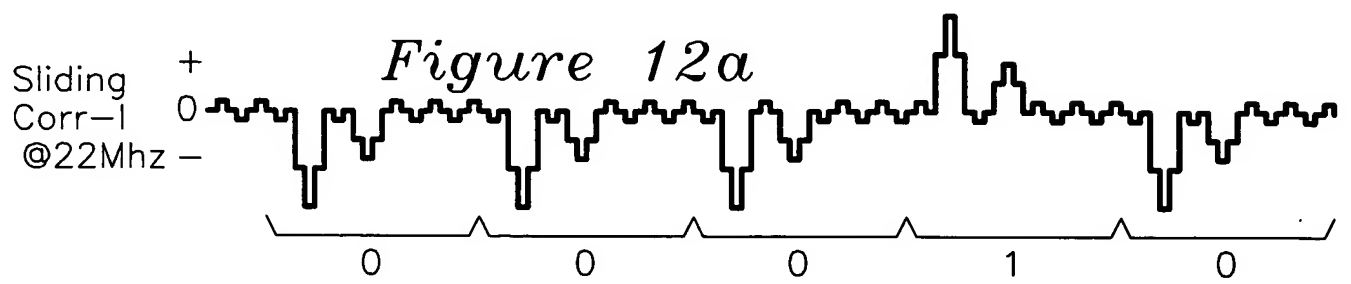


Figure 14a

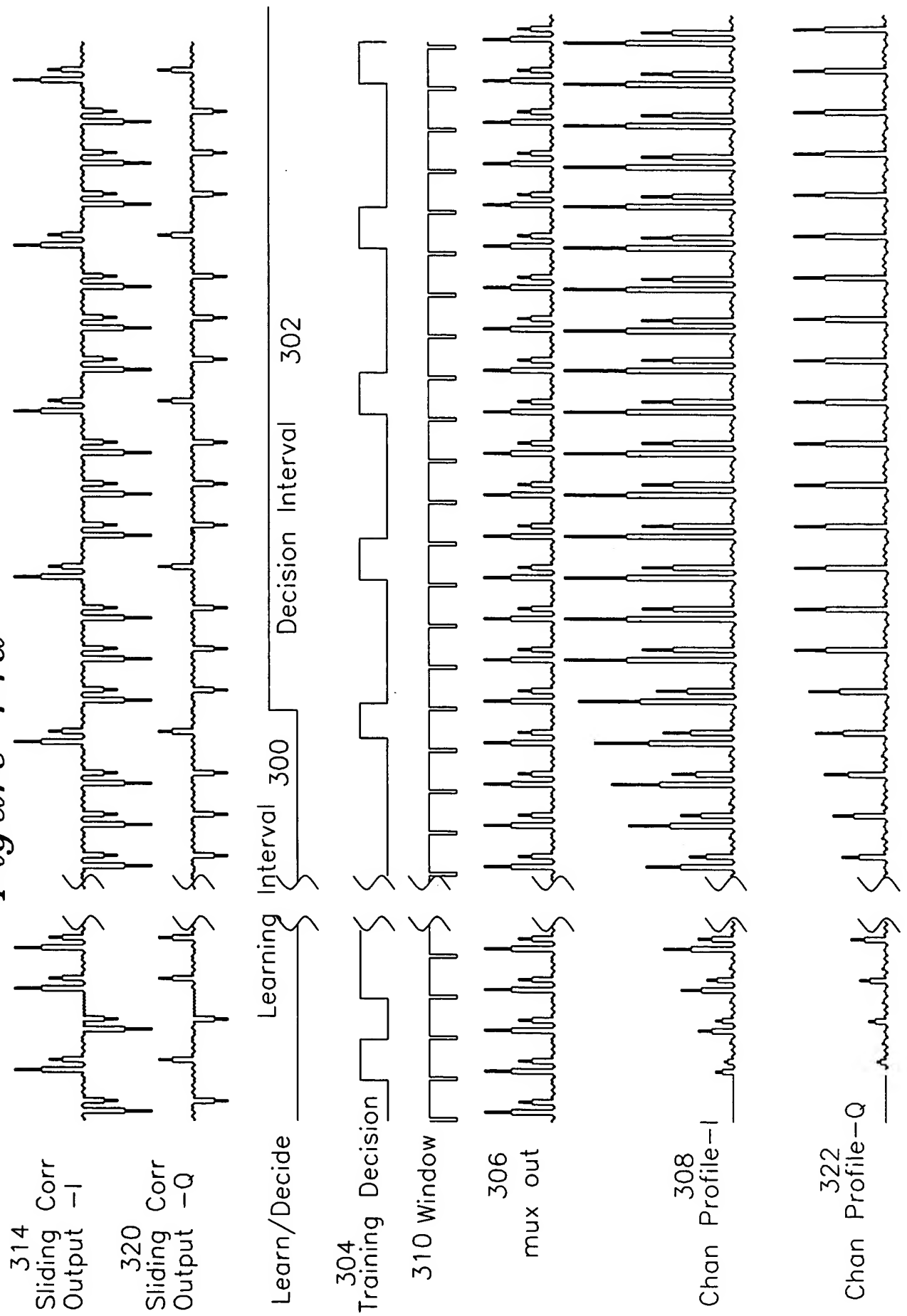


Figure 14b

Chan Profile
(I,Q)

314 Sliding Corr
Output -I

320 Sliding Corr
Output -Q

Window 310

Window 310

Window 310

Window 310

